

Amendments to the Claims

This listing of claims will replace all prior versions, and listings, of claims in the application.

1-24 (Canceled)

25. (Currently amended) A method of ablating organic tissue, comprising:
positioning an electrode ~~a conductive element~~ adjacent the organic tissue;
supplying electrical power to the electrode ~~conductive element~~ ~~to effect~~
ablation of the organic tissue;
sensing with a sensor positioned adjacent the electrode ~~conductive element~~ the
vibration of the organic tissue; and
reducing power to the electrode ~~conductive element~~ when the vibration
reaches a given value.

26. (Original) The method of claim 25, further comprising:
halting the power when the vibration reaches a given value.

27. (Original) The method of claim 25, further comprising:
supplying fluid from a fluid supply to the tissue; and
halting the fluid supply when the vibration reaches a given value.

28. (Original) The method of claim 25 further comprising:
sending a signal from the sensor to a switch to reduce the power.

29. (Original) The method of claim 25, further comprising:
providing output from an output device when the vibration reaches a given
value.

30. (Original) The method of claim 29 further comprising:

sending a signal from the sensor to the output device; and
sending an indicator signal from the output device.

31. (Original) The method of claim 25 wherein the sensor is a piezoelectric crystal.

32. (Original) The method of claim 25 wherein the sensor is a piezoelectric polymer.

33. (Amended) The method of claim 25 wherein the sensor is integrated with the electrode ~~conductive element~~.

34-61 (Canceled)

62. (New) A method of ablating electrically conductive pathways in heart tissue within the body cavity of a patient, comprising:

- positioning a conductive element within the body cavity adjacent the selected heart tissue;
- supplying power to the conductive element;
- sensing with a sensor positioned adjacent the conductive element the vibration of the heart tissue; and
- reducing power to the conductive element when the vibration reaches a given value.

63. (New) The method of claim 62, further comprising:

- halting the power when the vibration reaches a given value.

64. (New) The method of claim 62, further comprising:

- supplying fluid from a fluid supply to the heart tissue; and
- halting the fluid supply when the vibration reaches a given value.

65. (New) The method of claim 62 further comprising:
 sending a signal from the sensor to a switch to reduce the power.
66. (New) The method of claim 62, further comprising:
 providing output from an output device when the vibration reaches a given value.
67. (New) The method of claim 66 further comprising:
 sending a signal from the sensor to the output device; and
 sending an indicator signal from the output device.
68. (New) The method of claim 62 wherein the sensor is a piezoelectric crystal.
69. (New) The method of claim 62 wherein the sensor is a piezoelectric polymer.
70. (New) The method of claim 62 wherein the sensor is integrated with the conductive element.
71. (New) A method of ablating organic tissue, comprising:
 positioning a conductive element adjacent the organic tissue;
 supplying an ionic fluid between the conductive element and the organic tissue;
 supplying electrical power to the conductive element and the ionic fluid;
 sensing with a sensor positioned adjacent the conductive element the vibration of the organic tissue; and
 reducing power to the conductive element when the vibration reaches a given value.

72. (New) The method of claim 71, further comprising:
 halting the electrical power when the vibration reaches a given value.
73. (New) The method of claim 71, further comprising:
 halting the ionic fluid supply when the vibration reaches a given value.
74. (New) The method of claim 71 further comprising:
 sending a signal from the sensor to a switch to reduce the electrical power.
75. (New) The method of claim 71, further comprising:
 providing output from an output device when the vibration reaches a given value.
76. (New) The method of claim 75 further comprising:
 sending a signal from the sensor to the output device; and
 sending an indicator signal from the output device.
77. (New) The method of claim 71 wherein the sensor is a piezoelectric crystal.
78. (New) The method of claim 71 wherein the sensor is a piezoelectric polymer.
79. (New) The method of claim 71 wherein the sensor is integrated with the conductive element.